

### **Amendments to the Specification**

Please replace the paragraph beginning on page 13, line 18, with the following rewritten paragraph:

It would be appreciated to those skilled in the art having the benefit of this disclosure that the embodiments described are believed applicable to any driver circuit which can drive a periodic waveform with a form factor less than one onto an electronic subsystem, which is preferably a transmitter. The gain of the loop formed by comparator 30 and pull-down transistor 26 can be adjusted in such a way that the output signal lower level is always maintained at the reference voltage level. Designing driver circuit 20, thereby, entails sizing the pull-down transistor 26, the gain of comparator 30, and the slew rate of comparator 30, ~~and possibly the optional slow rate adjuster 28~~, to achieve the required chopping of the output signal waveform. The amount of pulse width adjustment will, thereby, depend on the reference voltage level chosen.